

1   **WE CLAIM:**

- 1   1.     A method of operating a mobile terminal comprising the steps of:
- 2         (a) receiving a first component of a document over a first communication channel;
- 3         (b) receiving a second component of the document over a second communication channel;
- 4             and
- 5         (c) combining the first and second components of the document at the mobile terminal.
- 1   2.     The method as recited in claim 1, wherein:
- 2         (a) the first communication channel comprises a first bandwidth; and
- 3         (b) the second communication channel comprises a second bandwidth greater than the
- first bandwidth.
- 3   3.     The method as recited in claim 1, wherein:
- (a) the first communication channel having a first connection cost; and
- (b) the second communication channel having a second connection cost less than the first
- connection cost.
- 3   4.     The method as recited in claim 1, wherein:
- (a) the first communication channel comprises a wireless communication channel; and
- (b) the second communication channel comprises a wired communication channel.
- 1   5.     The method as recited in claim 1, wherein:
- 2         (a) the first communication channel comprises a connection to the Internet; and
- 3         (b) the second communication channel comprises a connection to a target computer.
- 1   6.     The method as recited in claim 1, wherein:
- 2         (a) the first component of the document comprises a body of an email; and
- 3         (b) the second component of the document comprises an attachment to the email.

- 1 7. The method as recited in claim 1, wherein:  
2 (a) the first component of the document comprises a text of a web page; and  
3 (b) the second component of the document comprises images of a web page.
- 1 8. The method as recited in claim 1, wherein:  
2 (a) the first component of the document comprises a text of a word processing document;  
3 and  
4 (b) the second component of the document comprises images of the word processing  
5 document.
- 1 9. The method as recited in claim 1, wherein:  
2 (a) the first component of the document is received during a remote synchronization  
3 session; and  
4 (b) the second component of the document is received during a local synchronization  
5 session.
- 1 10. The method as recited in claim 1, wherein the first component of the document is received  
2 over the first communication channel substantially concurrent with receiving the second  
3 component of the document over the second communication channel.
- 1 11. The method as recited in claim 1, wherein:  
2 (a) the first component of the document is received during a first synchronization session;  
3 and  
4 (b) the second component of the document is received during a second synchronization  
5 session.

- 1 12. A method of operating a mobile terminal comprising the steps of:
- 2 (a) receiving a first component of a document over a communication channel during a first
- 3 synchronization session;
- 4 (b) receiving a second component of the document over the communication channel
- 5 during a second synchronization session; and
- 6 (c) combining the first and second components of the document at the mobile terminal.
- 1 13. The method as recited in claim 12, wherein
- 2 (a) the first component of the document is received over a first communication channel;
- 3 and
- 4 (b) the second component of the document is received over a second communication
- channel.
14. The method as recited in claim 13, wherein:
- 2 (a) the first communication channel comprises a first bandwidth; and
- 3 (b) the second communication channel comprises a second bandwidth greater than the
- 4 first bandwidth.
15. The method as recited in claim 13, wherein:
- 2 (a) the first communication channel having a first connection cost; and
- 3 (b) the second communication channel having a second connection cost less than the first
- 4 connection cost.
- 1 16. The method as recited in claim 13, wherein:
- 2 (a) the first communication channel comprises a wireless communication channel; and
- 3 (b) the second communication channel comprises a wired communication channel.
- 1 17. The method as recited in claim 13, wherein:
- 2 (a) the first communication channel comprises a connection to the Internet; and

(b) the second communication channel comprises a connection to a target computer.

18. The method as recited in claim 12, wherein:

(a) the first component of the document comprises a body of an email; and

(b) the second component of the document comprises an attachment to the email.

19. The method as recited in claim 12, wherein:

(a) the first component of the document comprises a text of a web page; and

(b) the second component of the document comprises images of a web page.

20. The method as recited in claim 12, wherein:

(a) the first component of the document comprises a text of a word processing document;  
and

(b) the second component of the document comprises images of the word processing document.

21. The method as recited in claim 12, wherein:

(a) the first synchronization session comprises a remote synchronization session; and

(b) the second synchronization session comprises a local synchronization session

- 1 22. A mobile terminal comprising:  
2 (a) a screen;  
3 (b) a local memory; and  
4 (c) a terminal controller for:  
5 receiving a first component of a document over a first communication channel;  
6 receiving a second component of the document over a second communication channel;  
7 and  
8 combining the first and second components of the document at the mobile terminal.
- 1 23. The mobile terminal as recited in claim 22, wherein:  
2 (a) the first communication channel comprises a first bandwidth; and  
3 (b) the second communication channel comprises a second bandwidth greater than the  
4 first bandwidth.
- 5 24. The mobile terminal as recited in claim 22, wherein:  
6 (a) the first communication channel having a first connection cost; and  
7 (b) the second communication channel having a second connection cost less than the first  
8 connection cost.
- 9 25. The mobile terminal as recited in claim 22, wherein:  
10 (a) the first communication channel comprises a wireless communication channel; and  
11 (b) the second communication channel comprises a wired communication channel.
- 12 26. The mobile terminal as recited in claim 22, wherein:  
13 (a) the first communication channel comprises a connection to the Internet; and  
14 (b) the second communication channel comprises a connection to a target computer.
- 15 27. The mobile terminal as recited in claim 22, wherein:  
16 (a) the first component of the document comprises a body of an email; and

(b) the second component of the document comprises an attachment to the email.

28. The mobile terminal as recited in claim 22, wherein:

(a) the first component of the document comprises a text of a web page; and

(b) the second component of the document comprises images of a web page.

29. The mobile terminal as recited in claim 22, wherein:

(a) the first component of the document comprises a text of a word processing document;  
and

(b) the second component of the document comprises images of the word processing document.

30. The mobile terminal as recited in claim 22, wherein:

(a) the first component of the document is received during a remote synchronization session; and

(b) the second component of the document is received during a local synchronization session.

31. The mobile terminal as recited in claim 22, wherein the first component of the document is received over the first communication channel substantially concurrent with receiving the second component of the document over the second communication channel.

32. The mobile terminal as recited in claim 22, wherein:

(a) the first component of the document is received during a first synchronization session;  
and

(b) the second component of the document is received during a second synchronization session.

1 33. A mobile terminal comprising:  
2 (a) a screen;  
3 (b) a local memory; and  
4 (c) a terminal controller for:  
5 receiving a first component of a document over a communication channel during a first  
6 synchronization session;  
7 receiving a second component of the document over the communication channel  
8 during a second synchronization session; and  
9 combining the first and second components of the document at the mobile terminal.

1 34. The mobile terminal as recited in claim 33, wherein  
2 (a) the first component of the document is received over a first communication channel;  
3 and  
4 (b) the second component of the document is received over a second communication  
5 channel.

1 35. The mobile terminal as recited in claim 34, wherein:  
2 (a) the first communication channel comprises a first bandwidth; and  
3 (b) the second communication channel comprises a second bandwidth greater than the  
4 first bandwidth.

1 36. The mobile terminal as recited in claim 34, wherein:  
2 (a) the first communication channel having a first connection cost; and  
3 (b) the second communication channel having a second connection cost less than the first  
4 connection cost.

1 37. The mobile terminal as recited in claim 34, wherein:  
2 (a) the first communication channel comprises a wireless communication channel; and  
3 (b) the second communication channel comprises a wired communication channel.

1 38. The mobile terminal as recited in claim 34, wherein:

2 (a) the first communication channel comprises a connection to the Internet; and

3 (b) the second communication channel comprises a connection to a target computer.

1 39. The mobile terminal as recited in claim 33, wherein:

2 (a) the first component of the document comprises a body of an email; and

3 (b) the second component of the document comprises an attachment to the email.

1 40. The mobile terminal as recited in claim 33, wherein:

2 (a) the first component of the document comprises a text of a web page; and

3 (b) the second component of the document comprises images of a web page.

41. The mobile terminal as recited in claim 33, wherein:

(a) the first component of the document comprises a text of a word processing document;  
and

(b) the second component of the document comprises images of the word processing  
document.

42. The mobile terminal as recited in claim 33, wherein:

(a) the first synchronization session comprises a remote synchronization session; and

(b) the second synchronization session comprises a local synchronization session.

- 1 43. A computer program embodied on a computer readable storage medium for use in a  
2 mobile terminal, the computer program comprising code segments for:  
3 (a) receiving a first component of a document over a first communication channel;  
4 (b) receiving a second component of the document over a second communication channel;  
5 and  
6 (c) combining the first and second components of the document at the mobile terminal.
- 1 44. The computer program as recited in claim 43, wherein:  
2 (a) the first communication channel comprises a first bandwidth; and  
3 (b) the second communication channel comprises a second bandwidth greater than the  
4 first bandwidth.
- 5 45. The computer program as recited in claim 43, wherein:  
6 (a) the first communication channel having a first connection cost; and  
7 (b) the second communication channel having a second connection cost less than the first  
8 connection cost.
- 9 46. The computer program as recited in claim 43, wherein:  
10 (a) the first communication channel comprises a wireless communication channel; and  
11 (b) the second communication channel comprises a wired communication channel.
- 12 47. The computer program as recited in claim 43, wherein:  
13 (a) the first communication channel comprises a connection to the Internet; and  
14 (b) the second communication channel comprises a connection to a target computer.
- 15 48. The computer program as recited in claim 43, wherein:  
16 (a) the first component of the document comprises a body of an email; and  
17 (b) the second component of the document comprises an attachment to the email.
- 18 49. The computer program as recited in claim 43, wherein:

- (a) the first component of the document comprises a text of a web page; and  
(b) the second component of the document comprises images of a web page.

50. The computer program as recited in claim 43, wherein:

- (a) the first component of the document comprises a text of a word processing document;  
and  
(b) the second component of the document comprises images of the word processing document.

51. The computer program as recited in claim 43, wherein:

- (a) the first component of the document is received during a remote synchronization session; and  
(b) the second component of the document is received during a local synchronization session.

52. The computer program as recited in claim 43, wherein the first component of the document is received over the first communication channel substantially concurrent with receiving the second component of the document over the second communication channel.

53. The computer program as recited in claim 43, wherein:

- (a) the first component of the document is received during a first synchronization session;  
and  
(b) the second component of the document is received during a second synchronization session.

- 1 54. A computer program embodied on a computer readable storage medium for use in a  
2 mobile terminal, the computer program comprising code segments for:  
3 (a) receiving a first component of a document over a communication channel during a first  
4 synchronization session;  
5 (b) receiving a second component of the document over the communication channel  
6 during a second synchronization session; and  
7 (c) combining the first and second components of the document at the mobile terminal.
- 1 55. The computer program as recited in claim 54, wherein  
2 (a) the first component of the document is received over a first communication channel;  
3 and  
4 (b) the second component of the document is received over a second communication  
5 channel.
- 6 56. The computer program as recited in claim 55, wherein:  
7 (a) the first communication channel comprises a first bandwidth; and  
8 (b) the second communication channel comprises a second bandwidth greater than the  
9 first bandwidth.
- 10 57. The computer program as recited in claim 55, wherein:  
11 (a) the first communication channel having a first connection cost; and  
12 (b) the second communication channel having a second connection cost less than the first  
13 connection cost.
- 14 58. The computer program as recited in claim 55, wherein:  
15 (a) the first communication channel comprises a wireless communication channel; and  
16 (b) the second communication channel comprises a wired communication channel.
- 17 59. The computer program as recited in claim 55, wherein:

- (a) the first communication channel comprises a connection to the Internet; and  
(b) the second communication channel comprises a connection to a target computer.

60. The computer program as recited in claim 54, wherein:

- (a) the first component of the document comprises a body of an email; and  
(b) the second component of the document comprises an attachment to the email.

61. The computer program as recited in claim 54, wherein:

- (a) the first component of the document comprises a text of a web page; and  
(b) the second component of the document comprises images of a web page.

62. The computer program as recited in claim 54, wherein:

- (a) the first component of the document comprises a text of a word processing document;  
and  
(b) the second component of the document comprises images of the word processing document.

63. The computer program as recited in claim 54, wherein:

- (a) the first synchronization session comprises a remote synchronization session; and  
(b) the second synchronization session comprises a local synchronization session.